

REMARKS/ARGUMENTS

Favorable reconsideration of this application is respectfully requested.

Claims 1-7, 9-18, and 22-28 are pending in this application. Claims 1-4, 6, 10-14, and 22-24 were rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. patent 5,946,032 to Ishizuka et al. (herein "Ishizuka") in view of JP 07-264463 to Tomitaka and U.S. patent 5,606,456 to Nagata et al. (herein "Nagata"). Claims 5, 7, 9, and 15-18 were rejected under 35 U.S.C. § 103(a) as unpatentable over Ishizuka in view of Tomitaka and Nagata and further in view of U.S. patent 5,331,365 to Miyazawa et al. (herein "Miyazawa"). Claim 25 was rejected under 35 U.S.C. § 103(a) as unpatentable over Ishizuka in view of Tomitaka and Nagata and further in view of JP 09-331476 to Kurosawa and U.S. patent 4,689,514 to Kondoh et al. (herein "Kondoh"). Claim 26 was rejected under 35 U.S.C. § 103 as unpatentable over Ishizuka in view of Tomitaka and Nagata and further in view of Kurosawa. Claim 27 was rejected under 35 U.S.C. § 103(a) as unpatentable over Ishizuka in view of Tomitaka, Nagata, and Miyazawa and further in view of Kurosawa and Kondoh. Claim 28 was rejected under 35 U.S.C. § 103(a) as unpatentable over Ishizuka in view of Tomitaka, Nagata, and Miyazawa and further in view of Kurosawa.

Addressing now the above-noted rejections, those rejections are traversed by the present response.

Each of independent claims 1 and 13 is amended by the present response to clarify features recited therein. Specifically, independent claim 1 now recites the shaking detector detecting a shaking of the camera based on an output from:

at least a first pair of acceleration sensors located on an optical axis of the camera, a second pair of acceleration sensors located on an axis in the gravity direction, and a third pair of acceleration sensors located on an axis perpendicular to the optical axis and the axis in the gravity direction[.]

Independent claim 13 is amended to recite similar features.

The above-noted features are believed to be fully supported by the original specification, for example in Figure 4(a), Figure 6(a), and Figure 7 of the present specification. As shown in those figures a shaking detector utilizes a pair of acceleration sensors Z1, Z2 located on an optical axis, a pair of acceleration sensors Y1, Y2 in a gravity direction, and a pair of acceleration sensors X1, X2 on an axis perpendicular to the optical axis and the gravity direction axis.

The above-noted features clarified in the claims are believed to clearly distinguish over the applied art. More specifically, applicants respectfully submit none of the applied art discloses or suggests utilizing such three pairs of acceleration sensors on the noted axes.

The primary reference to Ishizuka is relied on for disclosing angular velocity sensors 1 and 10. As shown for example in Figure 2 of Ishizuka, those angular velocity sensors 1 and 10 are not pairs of acceleration sensors, and are not located on the claimed axes.

The secondary reference to Tomitaka is cited with respect to disclosing an angular velocity sensor 5. Tomitaka, however, also clearly fails to disclose or suggest utilizing three pairs of acceleration sensors on the claimed axes. Further, the disclosed velocity sensor 5 in Tomitaka is not even a pair of acceleration sensors.

The newly cited reference to Nagata is directed to utilizing acceleration sensors S'1 and S'2 located on an optical axis. However, Nagata also fails to teach or suggest the use of three pairs of acceleration sensors on the claimed axes as now recited in each of the pending claims.

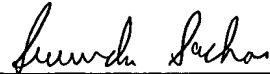
Moreover, no disclosures in any of the further applied references to Miyazawa, Kurosawa, or Kondoh are believed to overcome the above-noted deficiencies of Ishizuka in view of Tomitaka and Nagata.

In view of the present response, applicants respectfully submit the claims as currently written distinguish over the applied art.

As no other issues are pending in this application, it is respectfully submitted that the present application is now in condition for allowance, and it is hereby respectfully requested that this case be passed to issue.

Respectfully submitted,

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